

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 340078.411		APPLICATION NO. 10/816,459	
INFORMATION DISCLOSURE STATEMENT (Include several sheets if necessary)				APPLICANTS John T. Mulligan et al.		GROUP ART UNIT 1637	
				FILING DATE April 1, 2004			
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	AG						
	AH						
	AI						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
/AB/	AJ	Burdett, V. et al., "In vivo requirements for RecJ, ExoVII, ExoI, and ExoX in methyl-directed mismatch repair," <i>Proc. Natl. Acad. Sci. USA</i> 98(12): 6765-6770, June 5, 2001.					
/AB/	AK	Dao and Modrich, "Mismatch-, MutS-, MutL-, and Helicase II-dependent Unwinding from the Single-strand Break of an Incised Heteroduplex," <i>The Journal of Biological Chemistry</i> 273: 9202-9207, April 10, 1998.					
/AB/	AL	Ischenko and Sapparbaev, "Alternative nucleotide incision repair pathway for oxidative DNA damage," <i>Nature</i> 415: 183-187, January 10, 2002.					
/AB/	AM	Lishanski, A. et al., "Mutation detection by mismatch binding protein, MutS, in amplified DNA: Application to the cystic fibrosis gene," <i>Proc. Natl. Acad. Sci. USA</i> 91: 2674-2678, March 1994.					
/AB/	AN	Pan and Weissman, "An approach for global scanning of single nucleotide variations," <i>Proc. Natl. Acad. Sci. USA</i> 99(14): 9346-9351, July 9, 2002.					
/AB/	AO	Schofield, M.J. et al., "The Phe-X-Glu DNA Binding Motif of MutS. The Role of Hydrogen Bonding in Mismatch Recognition," <i>The Journal of Biological Chemistry</i> 276(49): 45505-45508, December 7, 2001.					
EXAMINER /Angela Bertagna/				DATE CONSIDERED 08/16/2007			
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).							

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	BC						
	BD						
	BE						
	BF						

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					YES	NO
	BG					
	BH					
	BI					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

/AB/	BJ	Smith and Modrich, "Removal of polymerase-produced mutant sequences from PCR products," <i>Proc. Natl. Acad. Sci. USA</i> 94: 6847-6850, June 1997.
/AB/	BK	Viswanathan, M. et al., "Redundant Exonuclease Involvement in <i>Escherichia coli</i> Methyl-directed Mismatch Repair," <i>The Journal of Biological Chemistry</i> 276(33): 31053-31058, August 17, 2001.
/AB/	BL	Xiao and Oefner, "Denaturing High-Performance Liquid Chromatography: A Review," <i>Human Mutation</i> 17: 439-474, 2001.
/AB/	BM	Yamaguchi, M. et al., "MutS and MutL Activate DNA Helicase II in a Mismatch-dependent Manner," <i>The Journal of Biological Chemistry</i> 273(15): 9197-9201, April 10, 1998.
/AB/	BN	Yanagihara and Mizuuchi, "Mismatch-targeted transposition of Mu: A new strategy to map genetic polymorphism," <i>Proc. Natl. Acad. Sci.</i> 99(17): 11317-11321, August 20, 2002.
	BO	

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